

Abstract

the present invention is to provide a fuel supply apparatus in which the controllability of the air flow-rate is simplified and can promote the reduction of harmful substances discharged from the engine.

An air control valve is provided downstream of an electronic throttle valve in an intake pipe. Air having passed through the electronic throttle valve is caused to flow from a main passage of an intake pipe to a bypass as the occasion demands by using the air control valve , and vaporized air is supplied from a combustion stabilizing device to the air allowed to flow to the bypass . The quantity of air caused to flow to the bypass is controlled by the electronic throttle valve 10 in the state where the control valve is closed.